Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 05 Jan 2023 until 23:59 on Friday 06 Jan 2023

Forecast Issued on Thursday 05 Jan 2023 at 03:47

Confidence: High for unsettled and often windy conditions with showers or longer spells of rain in the coming days.

Headline for Thursday 05 Jan 2023: Mostly cloudy with outbreaks of rain or drizzle. Becoming windy.

Mountain weather hazards on Thursday 05 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light rain	Cloudy	Cloudy	Cloudy	Heavy Rain
Precipitation probability					
<05%	70%	20%	10%	10%	90%

Forecast for Thursday 05 Jan 2023

Weather: A mostly dry and perhaps bright start with any mist and fog lifting quite quickly. However, cloud will soon thicken in the morning to bring occasional, mainly light rain or drizzle. Still some bright spells likely through the afternoon, especially in the east, but more persistent, heavier rain will spread from the west during the evening.

Chance of cloud-free hill tops above 600m: 70% becoming 20 or 30% by the end of the morning. 50% in the east from early afternoon.

Low cloud and visibility: Mainly good visibility at lower elevation away from early mist and fog, but moderate at times in rain and drizzle. Quite lengthy spells of very poor within cloud at height, mostly broken 600-900m at first, but periods overcast above 500-700m by the end of the morning and becoming extensive above 400m in evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Thursday 05 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/25 W	17/23 SW	25/33 SW	26/34 SW	29/39 SW	32/44 SW	24/32 SW
300	14/20 SW	12/20 S	18/26 SW	18/27 SW	21/31 SW	25/37 SW	16/24 SW
Valley	7/18 SW	6/18 S	11/25 SW	11/26 SW	13/30 SW	16/35 SW	10/23 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/0	6/1	7/2	7/2	7/1	7/1	4/-2
300	7/3	8/5	9/6	10/6	9/5	9/5	6/2
Valley	8/5	8/6	9/7	10/8	10/7	9/6	6/4
Freezing Level*	1300m	2000m	1700m	1700m	1800m	1800m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Mild but becoming rather windy at height with some chill over the tops, especially in evening with heavier rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 05 Jan 2023	0.8mm	14.8mm	15.4mm

Forecast for Friday 06 Jan 2023

Weather: Rain clearing overnight with skies clearing, leading to some patchy mist or fog. Then mainly dry and bright with sunny spells as mist and fog clears, but perhaps the odd shower in the afternoon. Becoming cloudy through the evening with outbreaks of rain later,

Maximum wind: Southwest 10mph, increasing 15mph in morning, then 20 gusts 30mph in afternoon, but becoming southerly 25-30 gusts 40mph over the tops in the evening.

Chance of cloud-free hill tops above 600m: 70-90%, reducing to 10% or less in evening.

Low cloud and visibility: Mainly good visibility, but poor in heavy rain late evening. Occasionally very poor at height in cloud, widely so in evening, generally scattered to broken cloud above 600-900m, but extensive 400-500m in evening.

Temperature: **Valleys:** Plus 5 or 6 C rising to plus 11 C
At 600m: Plus 4 or 5 C
Freezing level: Above the tops.

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